Dell™ Latitude™ XT2 XFR

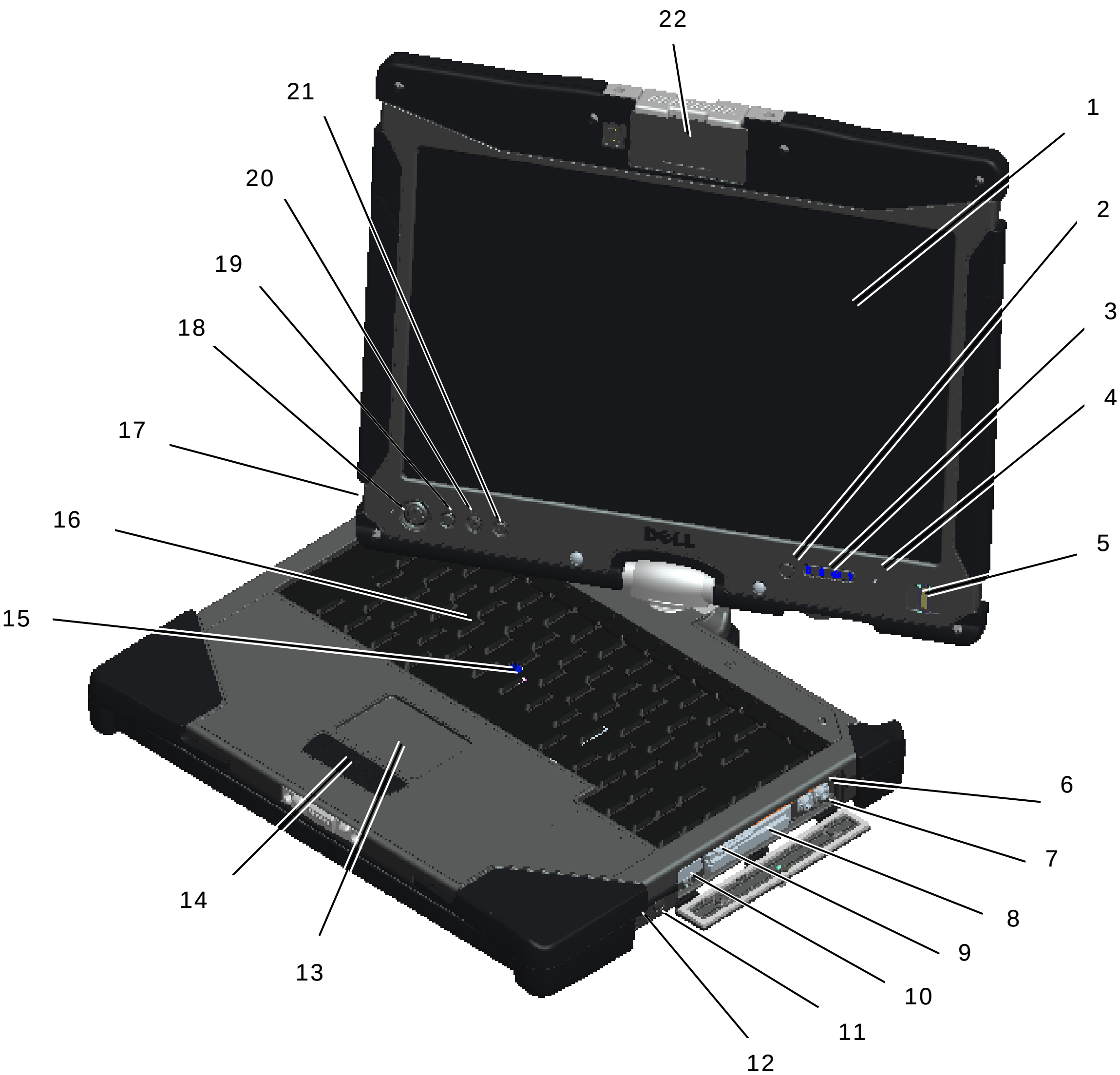
Setup and Features Information

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

NOTE: A NOTE indicates important information that helps you make better use of your computer.

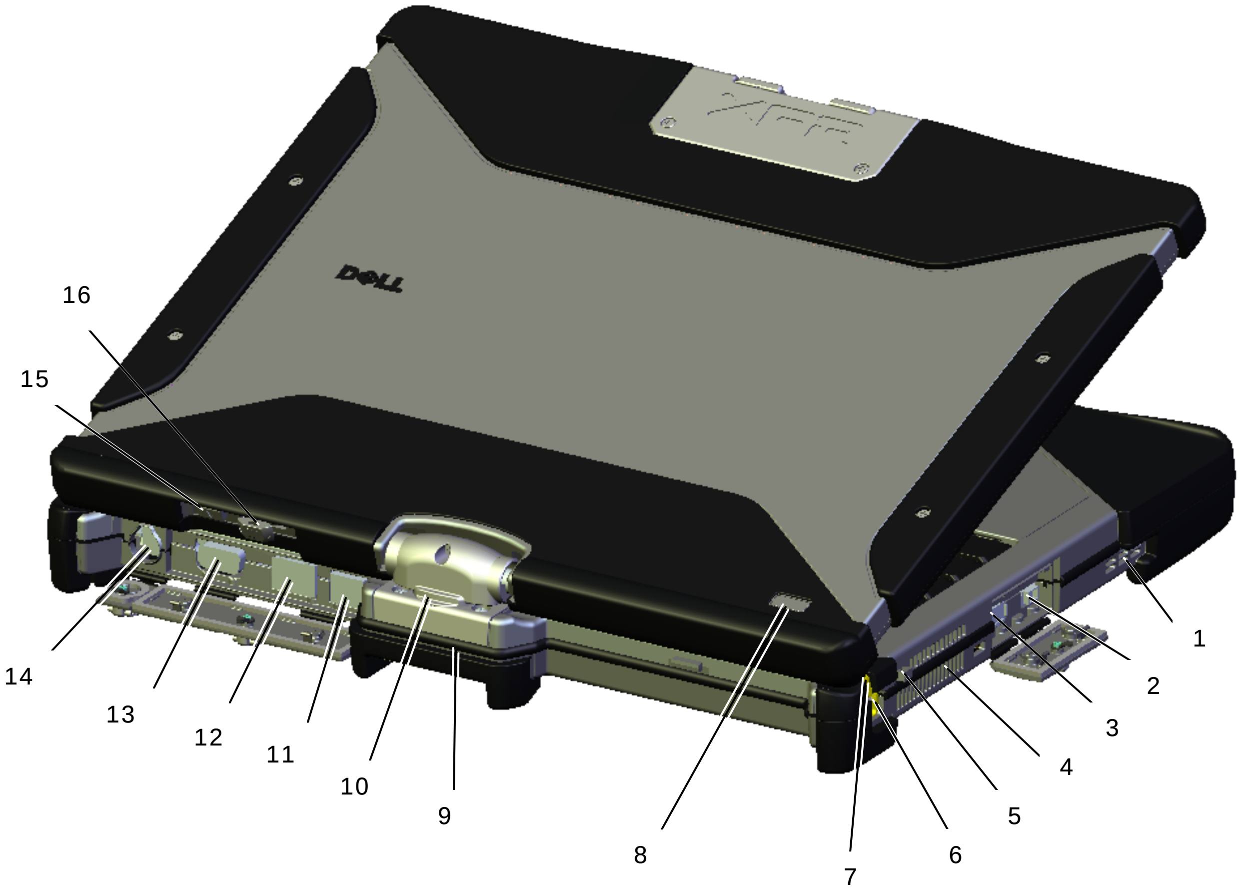
Front and Right View



1	Display	12	Wireless radio on/off switch
2	Ambient light sensor	13	Touch pad
3	Device status lights	14	Touch pad/Track stick buttons
4	Digital array microphone	15	Track stick
5	Biometric reader	16	Keyboard
6	Microphone connector	17	Digital array microphone
7	Headphones connector	18	Power button
8	ExpressCard slot	19	Windows security button
9	Secure digital (SD) card slot	20	Screen rotate button
10	USB/e-SATA combo connector	21	Dell Control Point (DCP) button
11	Wi-Fi Catcher™ button	22	Hot Swappable Modules: Camera or GPS (optional)

NOTE: Press <Fn><F9> to toggle between WLAN and WWAN. Latitude XT2 XFR does not support simultaneous operation of WLAN and WWAN modes.

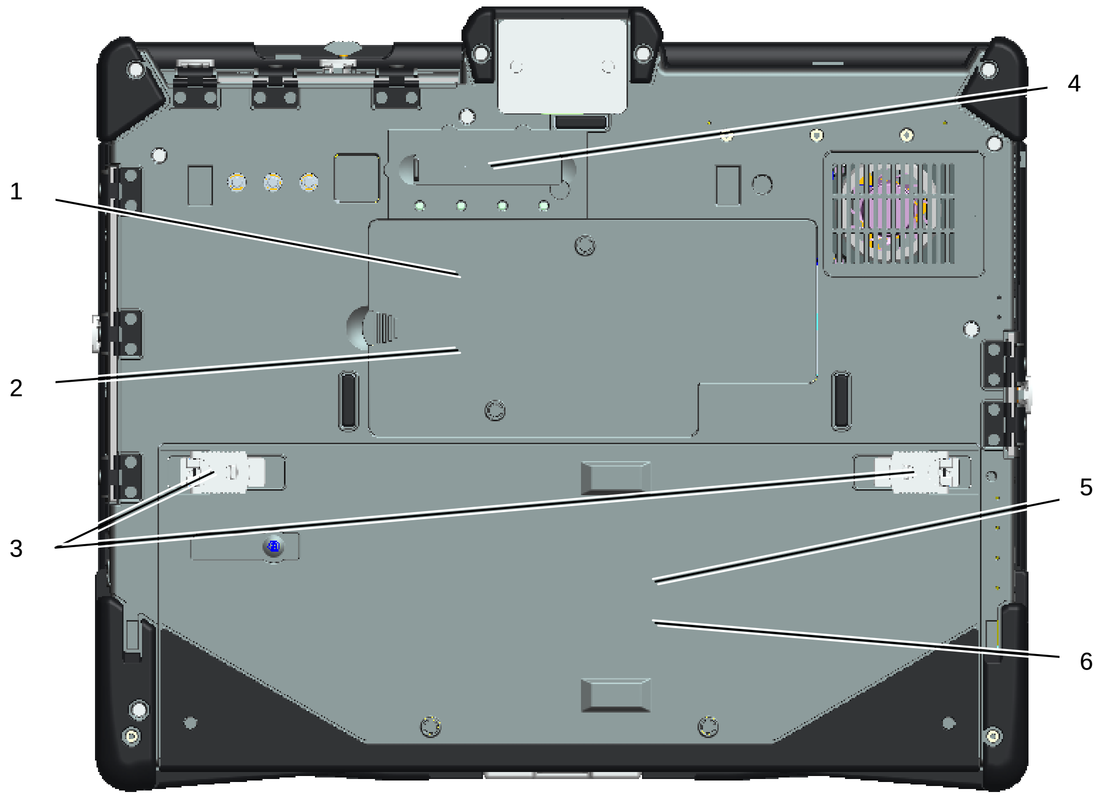
Back and Left View



1	Speaker	9	Tablet grip
2	IEEE 1394 connector	10	Rotating hinge
3	USB connector (for power share)	11	Powered USB connector
4	QuadCool™ Thermal Management	12	Network connector
5	Pen tether anchor	13	Video connector
6	Pen	14	AC adapter connector
7	Pen indicator LED	15	Tablet back button
8	Power / battery charge indicators	16	Scroll control button

WARNING: Do not block, push objects into, or allow dust to accumulate in the air vents. Do not store your Dell™ computer in a low-airflow environment, such as a closed briefcase, while it is running. Restricting the airflow can damage the computer or cause a fire. The computer turns on the fan when the computer gets hot. Fan noise is normal and does not indicate a problem with the fan or the computer.

Bottom View



1	Memory access	4	Docking connector
2	Wireless access	5	Hard disk drive access
3	Battery & HDD locking latches	6	Battery access

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

WARNING: This equipment is provided with external antenna connector(s) for connectivity to a Port Replicator for mobile external mounted antenna(s). The external antenna approved for use in this product is the AP-Quad Mode combo antenna. External antenna(s) must be professionally installed and cannot exceed the recommended maximum antenna gain for each specified band: 2.4GHz (3.24 dBi), 5.2GHz (3.73 dBi), 5.5GHz (4.77 dBi) and 5.8GHz (3.87 dBi). Additionally, the user must maintain a minimum of 20cm spacing between the external antenna(s) and the whole person's body during wireless operation.

CAUTION: This product is restricted to indoor use only. The FCC requires the product to be used indoors for the frequency range 5.15-5.25GHz to minimize interference in Mobile Satellite systems' channels. High Power Radars are the primary users of the 5.25-5.35GHz and 5.65-5.85GHz bands. These radar stations can cause interference with and/or damage the product.

I/O Door Operation

All ports and I/O connectors on the computer are secured behind locking I/O doors. To open the I/O locking doors, use the following procedure.

1. The image below shows the door in its closed and locked position. Lift the door flap.



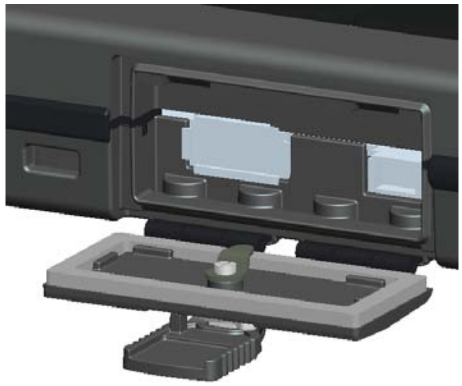
2. To unlock the door, rotate the flap clockwise 180^0.



3. Pull the flap to open the door.



4. The door is now in its open position.



5. Reverse the procedure to close and lock the door.

Quick Setup

WARNING: Before you begin any of the procedures in this section, read the safety information that shipped with your computer. For additional safety best practices information, see www.dell.com/regulatory_compliance.

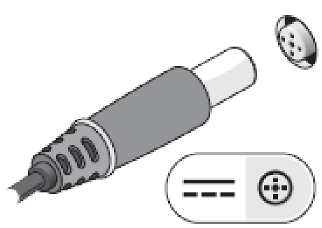
WARNING: The AC adapter works with electrical outlets worldwide. However, power connectors and power strips vary among countries. Using an incompatible cable or improperly connecting the cable to the power strip or electrical outlet may cause fire or equipment damage.

CAUTION: When you disconnect the AC adapter cable from the computer, grasp the connector, not the cable itself, and pull firmly but gently to avoid damaging the cable. When you wrap the AC adapter cable, ensure that you follow the angle of the connector on the AC adapter to avoid damaging the cable.

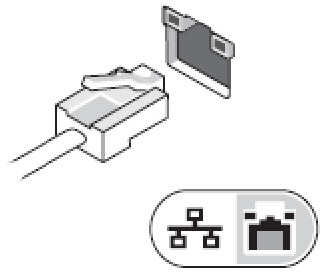
NOTE: Some devices may not be included if you did not order them.

NOTE: All ports and I/O connectors are sealed behind I/O locking doors. See section above on I/O Door Operation.

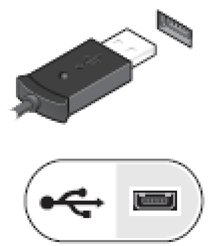
1. Connect the AC adapter to the AC adapter connector on the computer and to the electrical outlet.



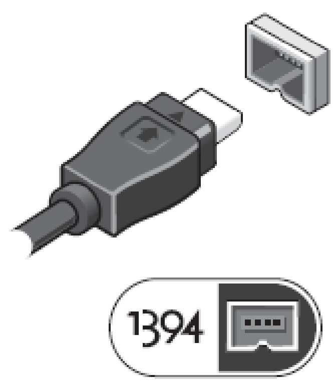
2. Connect the network cable.



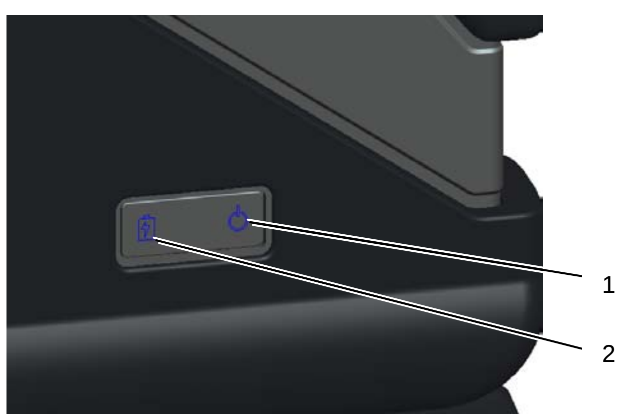
3. Connect USB devices, such as a mouse or keyboard.



4. Connect IEEE 1394 devices, such as a DVD player.



5. Open the computer display and press the power button to turn on the computer.



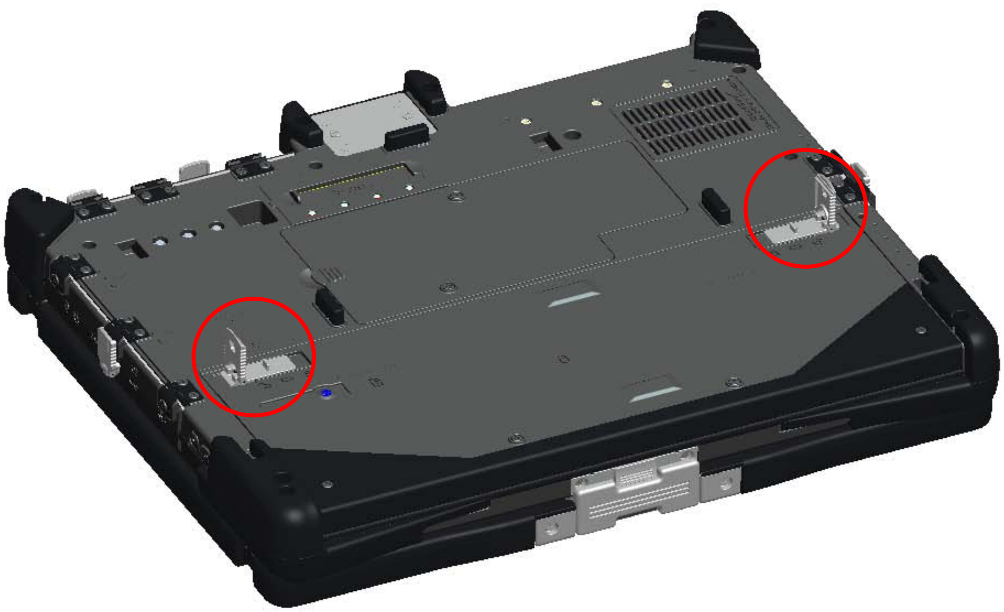
1	Power indicator	2	Battery charge indicator

NOTE: It is recommended that you turn on and shut down your computer at least once before you install any cards or connect the computer to a docking device or other external device, such as a printer.

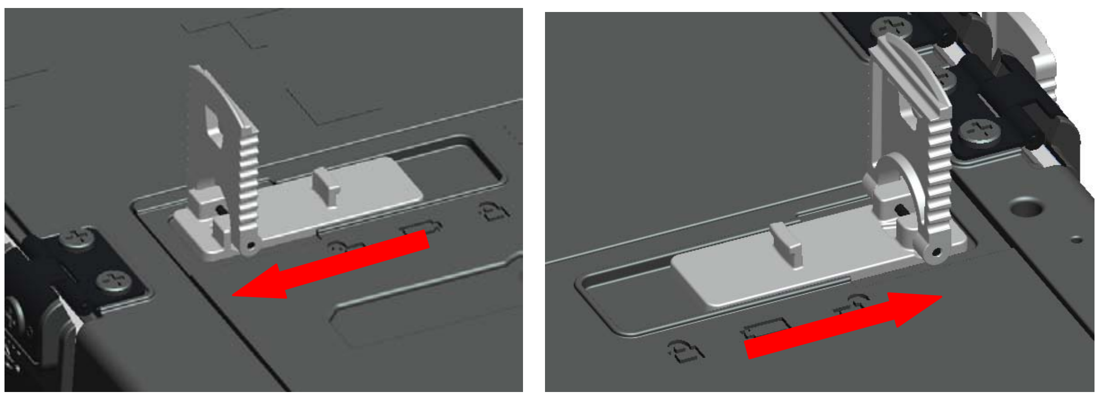
Battery

Battery Removal

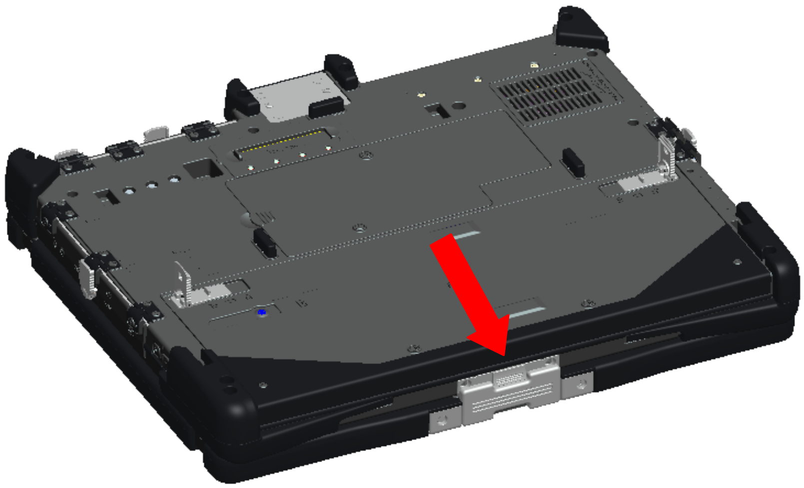
1. Ensure that the computer is turned off.
2. If the computer is connected to a docking device (docked), undock it. See the documentation that came with your docking device for instructions.
3. Ensure that the computer is turned off.
4. Turn the computer upside down and place on a flat surface.
5. Lift the locking latches on the left and right side of the battery.



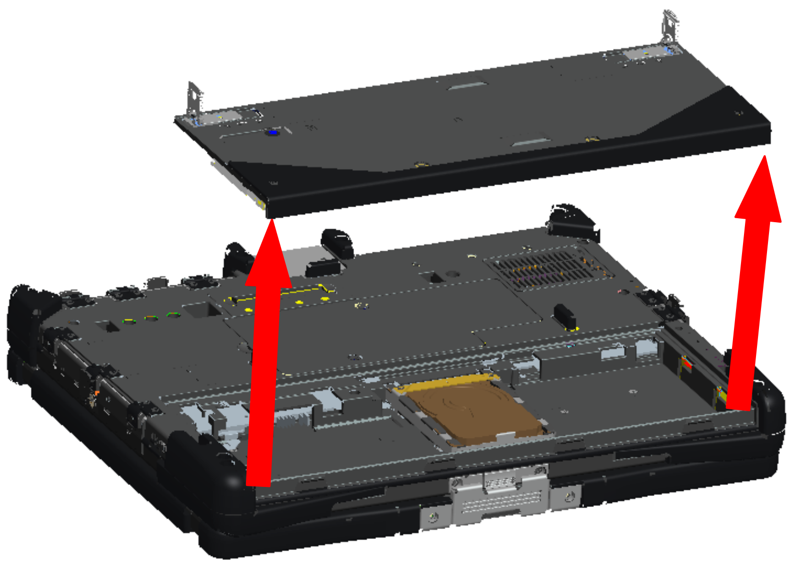
6. Push the locking latches outward, as shown below.



7. While continuing to push the locking latches, slide the battery back approximately .100”.

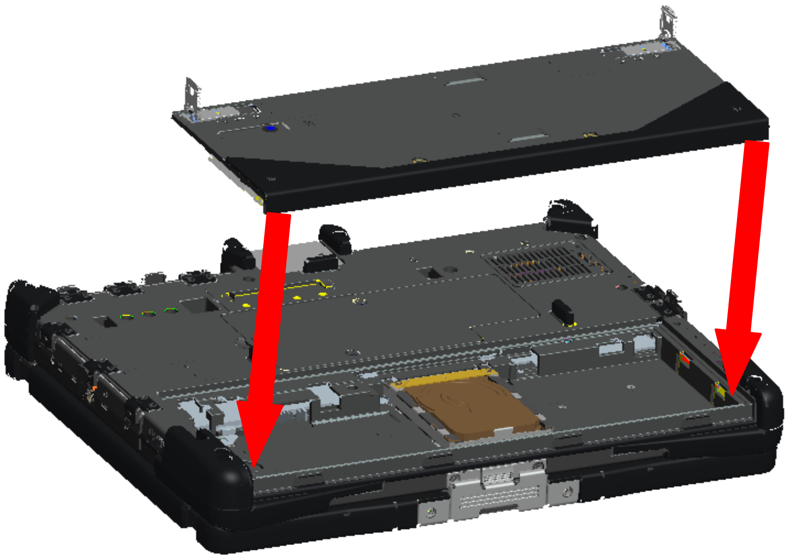


8. Lift and remove the battery from the computer.



Battery Replacement

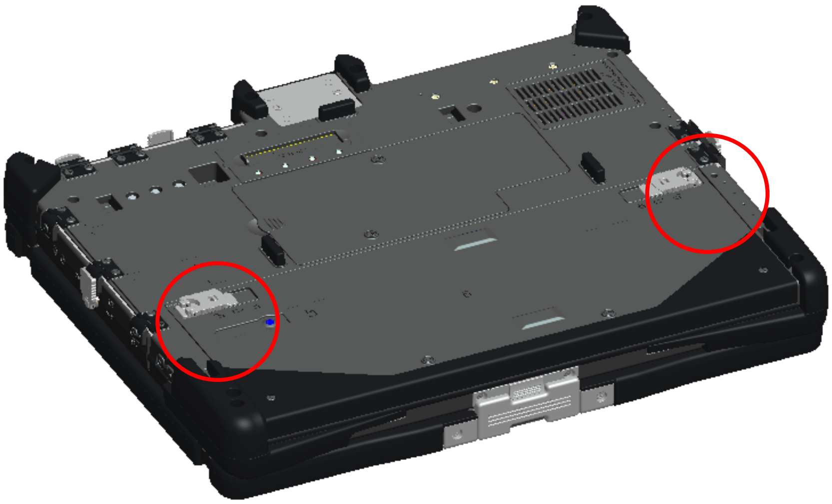
1. Turn the computer upside down, and place on a flat surface.
2. Lift and place the battery into the computer.



3. Then slide the battery in the direction shown in the image below approximately .100”. The battery will lock into place with a click and a mechanical stop.



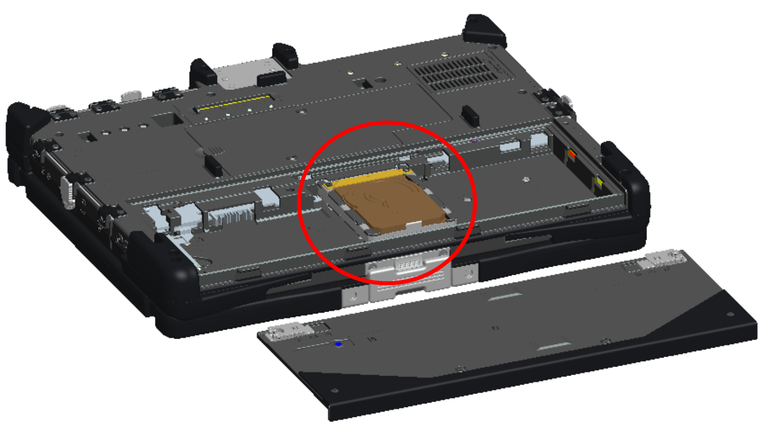
4. Push the battery locking latches down into their flat positions.



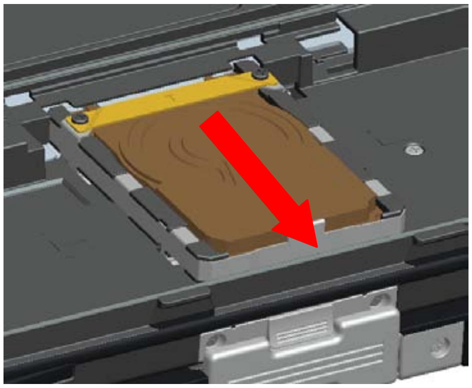
Hard Disk Drive (HDD)

Remove a HDD

1. Ensure that the computer is turned off.
2. Turn the computer upside down, and place on a flat surface.
3. Remove the battery as discussed in the Battery section above.
4. Locate the HDD in the battery compartment as shown below.

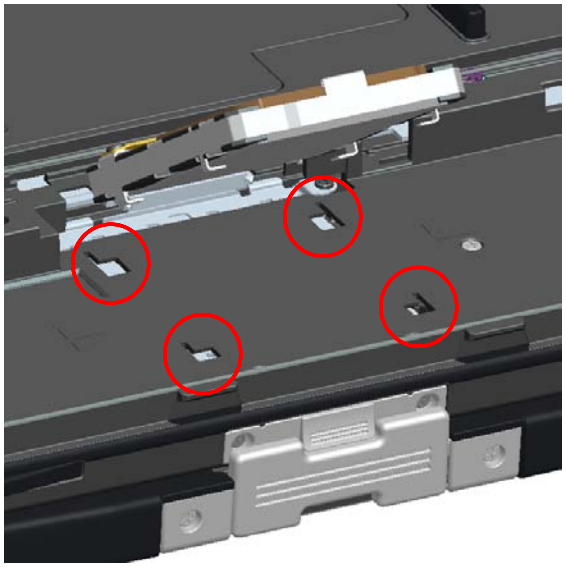


5. Slide the HDD in the direction shown below and lift slightly to remove.

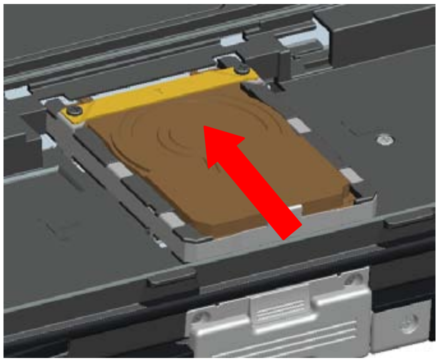


Replace a HDD

1. Place the HDD into the battery compartment ensuring that the 4 hooks on the bottom of the HDD align with the 4 slots in the base.



2. Push the HDD in the direction shown below and ensure it seats with the mother board connector.

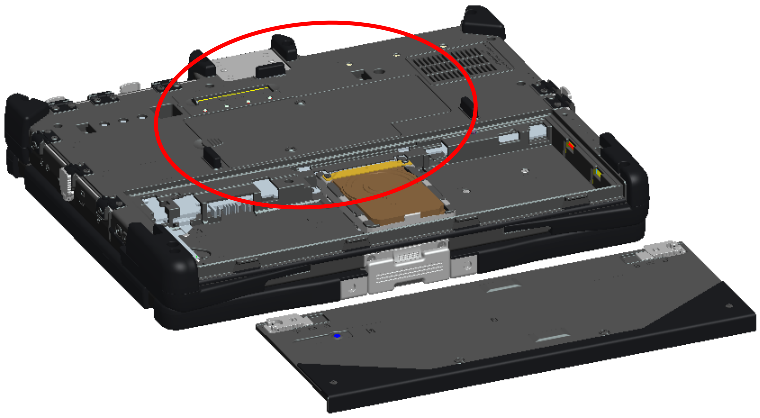


3. Replace the battery as discussed in the Battery section above.

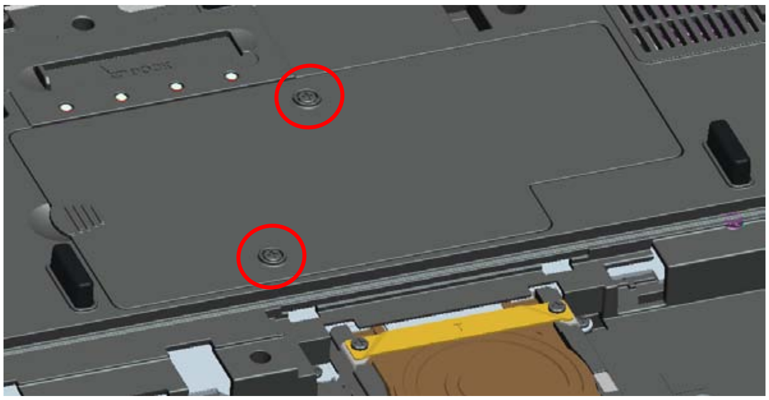
Memory Access Door

NOTE: See Service Manual for details on removing and replacing memory.

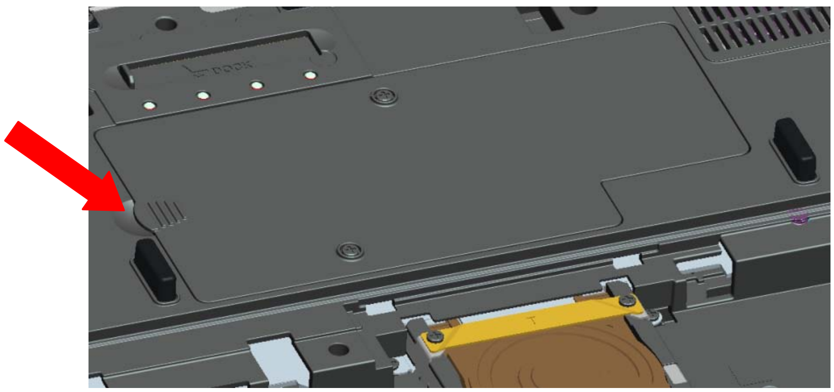
1. Ensure computer is turned off.
2. Turn the computer upside down, and place on a flat surface.
3. Remove the battery as discussed in the Battery section above.
4. Locate the memory access door as shown below.



5. Remove the 2 screws that secure the memory access door.



6. Lift the door using the tab as shown below and remove from the computer.



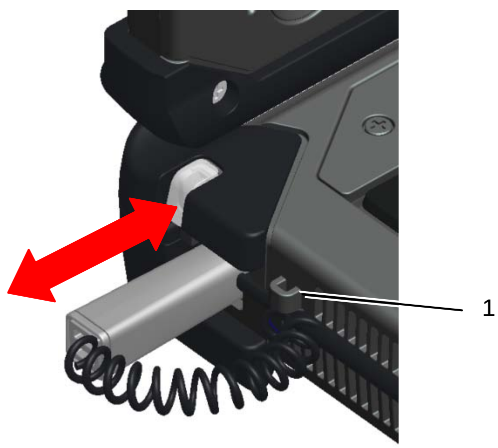
7. The memory modules will now be accessible.
8. Reverse this procedure to replace and secure the memory access door.

Pen/Tether Installation



1	Pen tether anchor	3	Pen
2	Tether		

The pen and tether are connected to the computer by looping the tether through the tether anchor point.



1 Close up view of anchor point with tether looped through it.

The pen is stored by pushing the pen into the pen garage until it clicks into its locked position.
The pen is removed by first pushing in on the pen until it clicks and is released. The pen can then be removed from the pen garage.

Hot Swappable Modules

Either an optional Camera or GPS device can be inserted into the hot swappable module device area over the display.
To install a hot swappable module Camera or GPS device, use the following procedure.

1. Place the computer on a flat surface and open the display in either notebook or tablet mode. Locate the area above the display where the hot swappable module device will be installed.



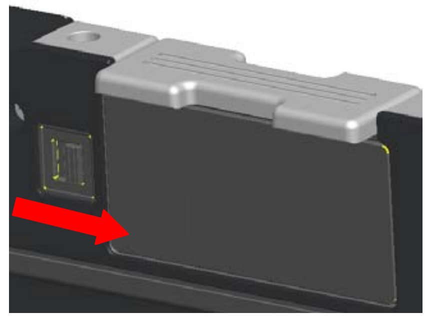


Image above shows the lock in the locked position

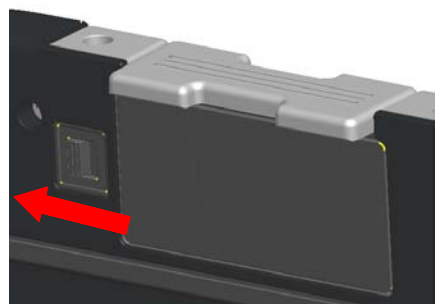


Image above shows the lock in the unlocked position

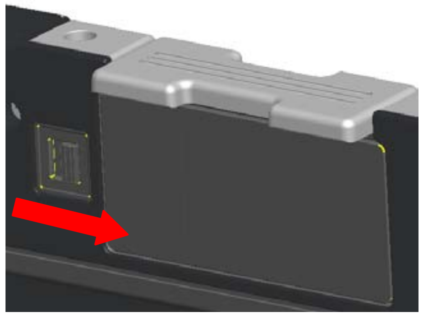
2. Move the lock for the hot swappable module device to the unlocked position and remove the dummy cover.



3. Insert the hot swappable module (either camera or GPS). Ensure the device is properly seated.



4. Lock the hot swappable module device into place by sliding the lock to the locked position.



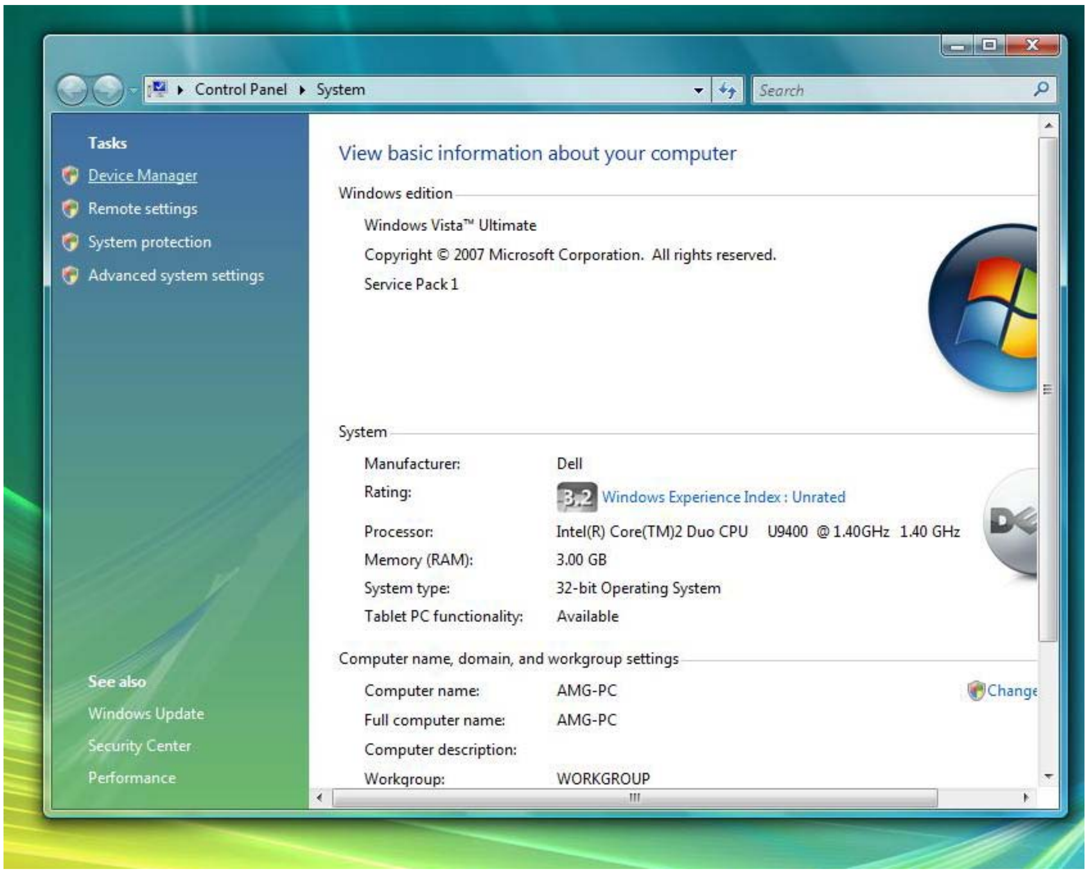
GPS Device

Follow the directions in the hot swappable modules section above to install the GPS device. Ensure the GPS device is properly seated and the lock is in the locked position.

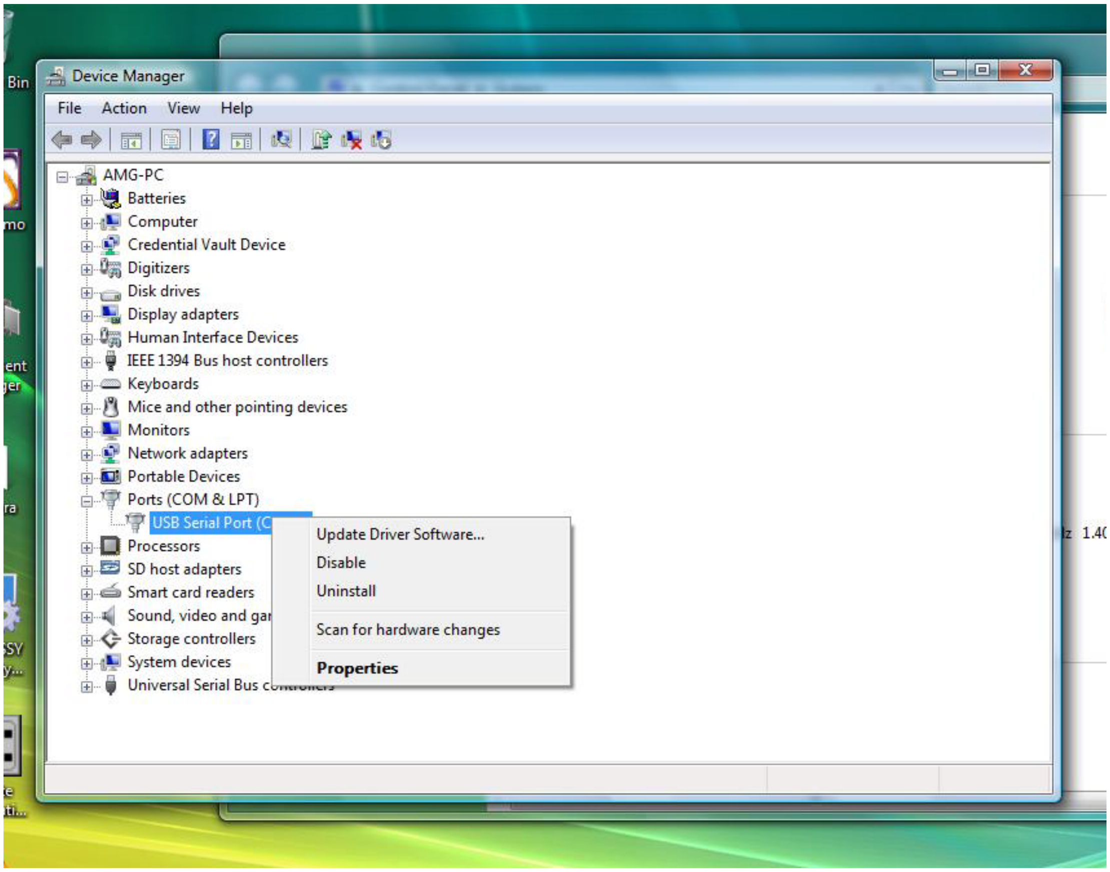
GPS Hardware Configuration

It is important that you configure your computer's hardware settings properly to allow the GPS device to operate. The following instructions show the proper process to configuring a communications port for the GPS to operate in.

1. Click on the **Start** button and right-click on **Computer**; then click on **Properties**.
2. Click on **Device Manager**.

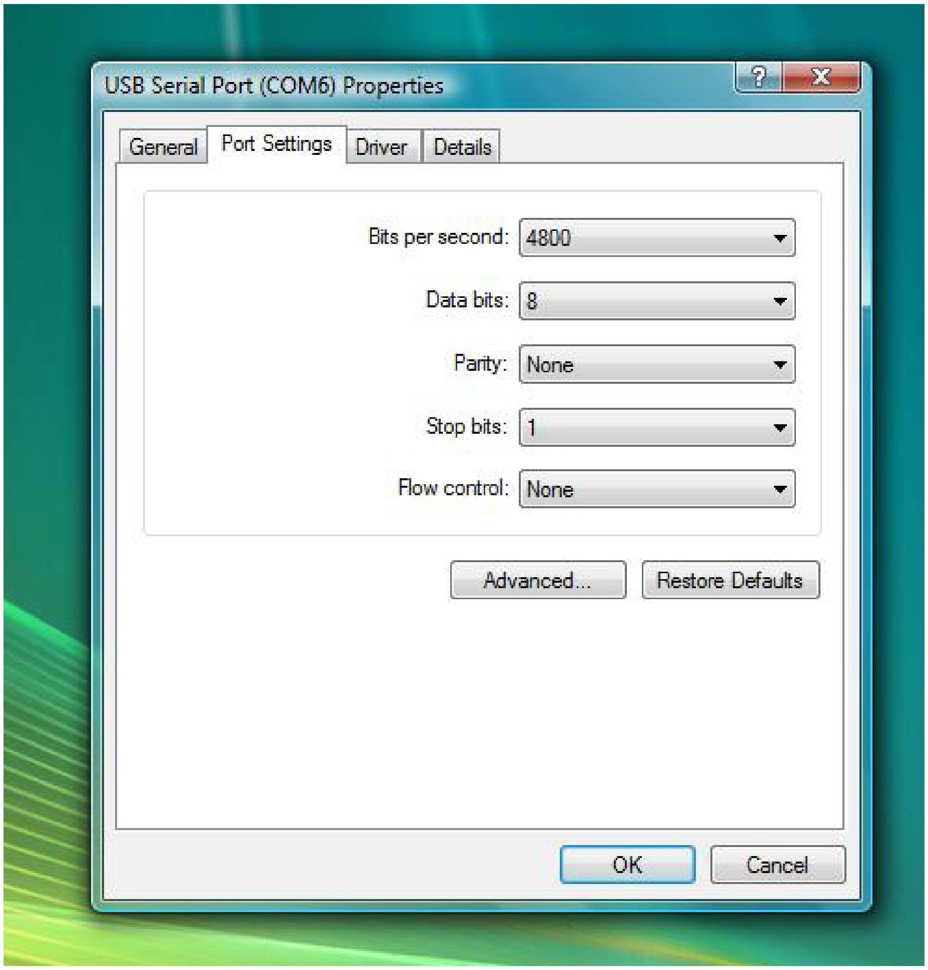


3. Double-click on "**Ports"**. Right-click on the **USB Serial Port (COM#)** device and select **Properties**.



4. Select the **Port Settings** tab. Confirm that the following settings are assigned to each field shown below:

   Bits per second: 4800
   Data bits: 8
   Parity: none
   Stop bits: 1
   Flow control: None



Software Configuration

There are many off the shelf and usage specific applications available that are compatible with this GPS module. Additional configuration may be required to allow the software to function with the GPS module. Please follow the instructions provided by your software manufacturer.

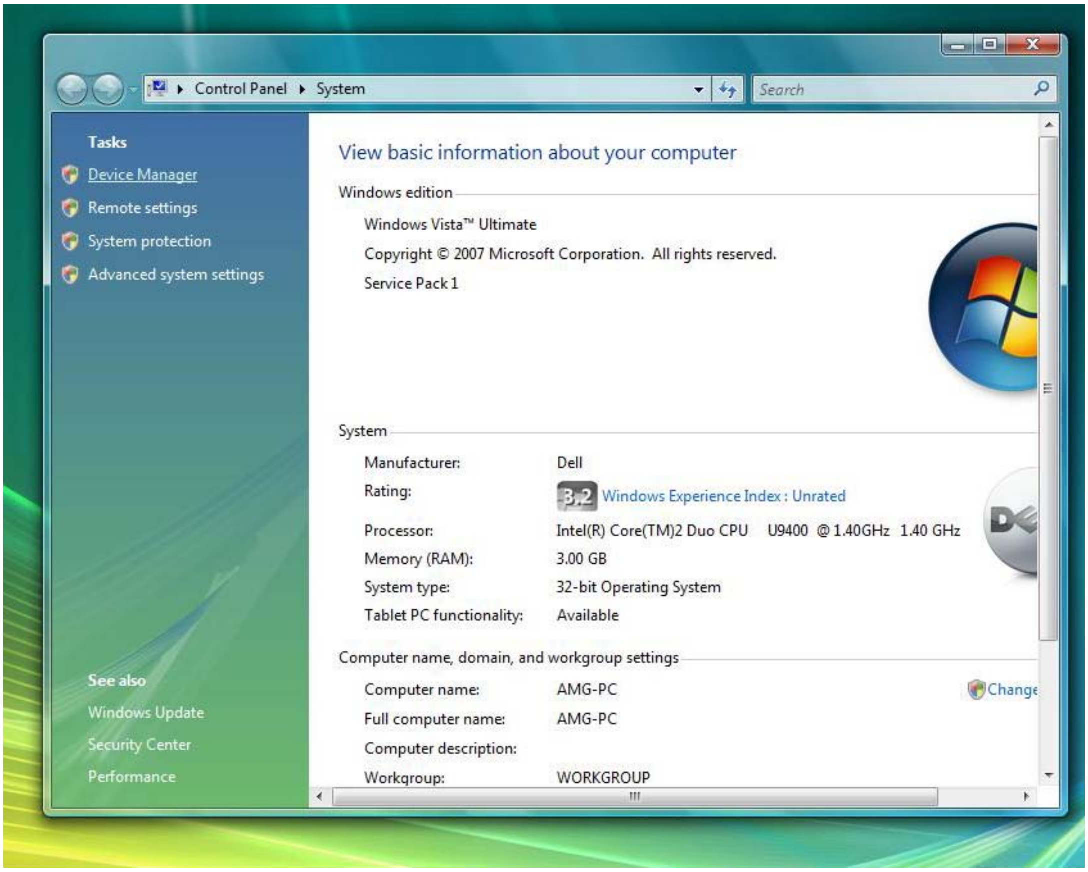
Camera

Follow the directions in the Hot Swappable Module Devices section above to install the Camera device. Ensure the camera is properly seated and the lock is in the locked position.

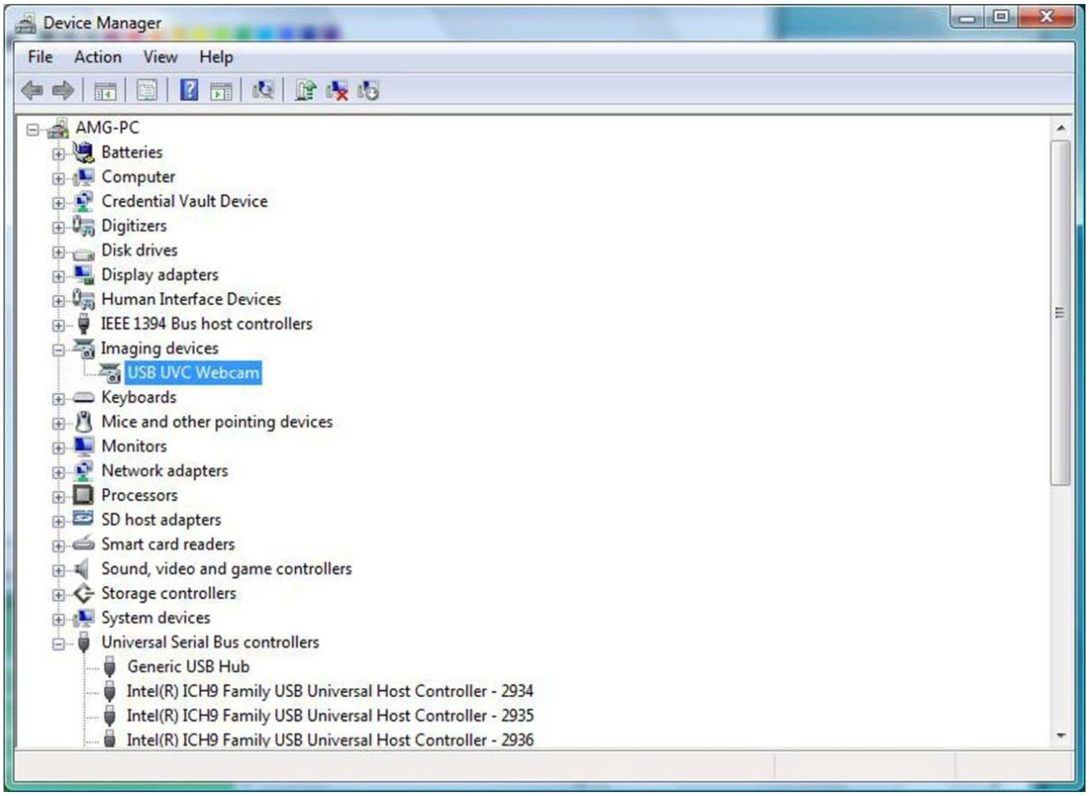
Camera Configuration Verification

If the camera is not working, or is working intermittently, use the following steps to verify the camera configuration.

1. Click on the **Start** button and right-click on **Computer**; then click on **Properties**.
2. Click on **Device Manager**.



3. Double-click on "**Imaging Device**", and locate "**USB UVC Webcam**".



a. If a 'Yellow Bang" appears on the device, then the drivers should be reinstalled.
b. If "**USB UVC Webcam**" is under **Device Manager**, but the camera is non-functional, locate the "**USB Composite Device**" and look at the "**General**" tab in the "**Properties**" for the "**USB Composite Device**". If a "Down Arrow" appears over the USB icon for the device, then the device is installed but needs to be enabled.

4. Verify that the messaging application does not have the camera disabled or turned off.

Specifications

NOTE: Offerings may vary by region. For more information regarding the configuration of your computer, click **Start** -> **Help and Support** and select the option to view information about your computer.

Processors	Intel® Core™2 Duo ULV processor up to SU9600 (1.6GHz, 800 MHz FSB, 3 MB L2 Cache) with vPro technology
Chipset	Intel® Small Form Factor Montevina Chipset
Graphics	Intel Integrated Graphics Media Accelerator 4500MHD
Audio	1 Speaker, stereo headphone and line out jack, Mic
Memory	Up to 5GB DDR3 1066MHz (1 GB down + 1 slot)
Storage	HDD 160 GB 5400 RPM SATA SSD 64 GB Mobility, 128 GB FDE SSD
Display	12.1" WXGA DLV Outdoor-Readable (400 nits) with Resistive Touch or Dual Touch Option
Camera	Optional (IP54-rated) integrated 2.0MP camera
Ports	1394, USB 2.0 (x2), USB 2.0/eSATA, VGA, RJ-45 , Audio,
Expansion	Express 54 (34 and 54mm support), SD Card slot
Docking	Vehicle Docking, Desktop Media Bay
ODD	Optional external E-Family modular media bay: 8X DVD-ROM, 24X CDRW/DVD, 8X DVD+/-RW, 2nd Hard Drive
Battery	4-cell 28W/Hr Li-Ion primary (standard) 6-cell 42W/Hr Li-Ion primary (optional)
Slice	9-cell 45W/Hr Li-Ion High Capacity Battery Slice (optional)
Ethernet	10/100/1000 base-T Ethernet
WLAN	Up to Intel® WiFi® Link 5300 (802.11a/g/Draft n 3x3)
WPAN	Dell 365 Bluetooth® Module
WWAN	Dell Wireless 5720 EV-DOrA Mobile Broadband1 Minicard Dell Wireless 5530 HSUPA/HSDPA Mobile Broadband1 Minicard, GOBI
Hot Swappable Module	Optional GPS Receiver or 2.0MP Camera
Security	Dell ControlVault®, Dell ControlPoint Security ManagerCable lock slot, Integrated Smart Card Reader, Fingerprint Reader, Computrace Option, TPM 1.2
Ergonomics	12.2" x 9.6" x 1.49"
Weight	Starting at <5.5 lbs
Environmental Testing and	Independently Tested to MIL-STD-810F for: • 3ft Transit Drop, Rain, Blowing Dust, Vibration, Functional Shock, Humidity, Altitude,

Certification*	Temperature Shock, and Temperature Extremes (Operating: -10ºF to 140ºF (-23ºC to 60ºC); Non-Operating: -40ºF to 158ºF (-40ºC to 70ºC)) • IP-54 Certified Protection – Level 5 Dust Protection: Ingress of dust does not interfere with the operation of equipment; Level 4 Splashing Water: no harmful effects from any practical direction

* See Summary of Independent Environmental Testing for details

Finding More Information and Resources

If you need to:	**See:**
find safety best practices information for your computer, review Warranty information, Terms and Conditions (U.S. only), Safety instructions, Regulatory Information, Ergonomics information, and End User License Agreement.	the safety and regulatory documents that shipped with your computer and also see the Regulatory Compliance Homepage at **www.dell.com/regulatory_compliance**.